

EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT

EDTS
V04-

SIRELLI
Mecc

```
1 0001 0 XTITLE 'EDT$FPUTMES - format and print a message'
2 0002 0 MODULE EDT$FPUTMES (
3 0003 0     IDENT = 'V04-000'
4 0004 0     ) =
5 0005 1 BEGIN
6 0006 1 ****
7 0007 1 *
8 0008 1 *
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26 0026 1 *
27 0027 1 *
28 0028 1 ****
29 0029 1 *
30 0030 1 *
31 0031 1 ++
32 0032 1 FACILITY: EDT -- The DEC Standard Editor
33 0033 1
34 0034 1 ABSTRACT:
35 0035 1
36 0036 1     Format and print a message.
37 0037 1
38 0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Bob Kushlis, CREATION DATE: March 18, 1979
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1     1-001 - Original. DJS 19-FEB-1981. This module was created by
45 0045 1     extracting routine EDT$$FMT MSG from module FORMAT.
46 0046 1     1-002 - Regularize headers. JBS 05-Mar-1981
47 0047 1     1-003 - Add some modifications for EXT mode. SMB 23-Jun-1982
48 0048 1     1-004 - Add reverse video for EXT mode. SMB 02-Jul-1982
49 0049 1     1-005 - Use EDT$$FMT_CRLF instead of EDT$$OUT_FMTBUF. JBS 05-Jul-1982
50 0050 1     1-006 - Give a bell and reverse video if we're in change mode. SMB 22-Jul-1982
51 0051 1     1-007 - Remember the last message for change mode only if we are reading
52 0052 1     the startup file. JBS 23-Jul-1982
53 0053 1     1-008 - Set some other flags if we're in change mode. SMB 28-Jul-1982
54 0054 1     1-009 - Remove setting EDT$$G MSGFLG; done in EDT$$FMT_CRLF. JBS 06-Oct-1982
55 0055 1     1-010 - Check for a hardcopy terminal before positioning cursor. STS 14-Dec-1983
56 0056 1     1-011 - Improve the appearance of the listing. JBS 14-Jun-1983
57 0057 1     --
```

EDT\$FPUTMES
V04-000

EDT\$FPUTMES - format and print a message

: 58

0058 1

E 5
16-Sep-1984 00:29:09
14-Sep-1984 12:23:12
VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]FPUTMES.BLI;1 Page 2 (1)

```
60      0059 1 %SBTTL 'Declarations'  
61      0060 1 !  
62      0061 1 ! TABLE OF CONTENTS:  
63      0062 1 !  
64      0063 1 !  
65      0064 1 REQUIRE 'EDTSRC:TRAROUNAM';  
66      0503 1 !  
67      0504 1 FORWARD ROUTINE  
68      0505 1 EDTSSFMT_MSG : NOVALUE;  
69      0506 1 !  
70      0507 1 !  
71      0508 1 ! INCLUDE FILES:  
72      0509 1 !  
73      0510 1 !  
74      0511 1 REQUIRE 'EDTSRC:EDTREQ';  
75      0646 1 !  
76      0647 1 !  
77      0648 1 ! MACROS:  
78      0649 1 !  
79      0650 1 !  
80      0651 1 !  
81      0652 1 ! EQUATED SYMBOLS:  
82      0653 1 !  
83      0654 1 !  
84      0655 1 !  
85      0656 1 ! OWN STORAGE:  
86      0657 1 !  
87      0658 1 !  
88      0659 1 !  
89      0660 1 ! EXTERNAL REFERENCES:  
90      0661 1 !  
91      0662 1 ! In the routine
```

```

93 0663 1 %SBTTL 'EDT$SFMT_MSG - format and print a message'
94 0664 1
95 0665 1 GLOBAL ROUTINE EDT$SFMT_MSG (
96 0666 1     MESS_NUM
97 0667 1     ) : NOVALUE =
98 0668 1
99 0669 1     ++
100 0670 1     FUNCTIONAL DESCRIPTION:
101 0671 1
102 0672 1     Routine to get text of a message and write it out.
103 0673 1
104 0674 1     FORMAL PARAMETERS:
105 0675 1
106 0676 1     MESS_NUM           The number of the error message to write.
107 0677 1
108 0678 1     IMPLICIT INPUTS:
109 0679 1
110 0680 1     EDT$SG_EDIT_MOD
111 0681 1     EDT$SG QUIET
112 0682 1     EDT$SG_EXT_MOD
113 0683 1     EDT$SG_INP_SRC
114 0684 1
115 0685 1     IMPLICIT OUTPUTS:
116 0686 1
117 0687 1     EDT$SG_LASTMSG
118 0688 1
119 0689 1     ROUTINE VALUE:
120 0690 1
121 0691 1     NONE
122 0692 1
123 0693 1     SIDE EFFECTS:
124 0694 1
125 0695 1     Calls EDT$SFMT_CRLF
126 0696 1
127 0697 1     --
128 0698 1
129 0699 2     BEGIN
130 0700 2
131 0701 2     EXTERNAL ROUTINE
132 0702 2     EDT$SSC_POSCSIF,
133 0703 2     EDT$SSC_REVID,
134 0704 2     EDT$SSC_NONREVID,
135 0705 2     EDT$SSTOP_WKINGMSG,
136 0706 2     EDT$SFMT_CIT,
137 0707 2     EDT$SFMT_CRLF,
138 0708 2     EDT$SSMSG_TOSTR;
139 0709 2
140 0710 2     EXTERNAL
141 0711 2     EDT$SG TI TYP,
142 0712 2     EDT$SG MESSAGE LINE,
143 0713 2     EDT$SG EDIT MOD,
144 0714 2     EDT$SG LASTMSG,
145 0715 2     EDT$SG QUIET,
146 0716 2     EDT$SG EXT MOD,
147 0717 2     EDT$SG INP_SRC;
148 0718 2
149 0719 2     !+

```

! type of terminal
 ! Change mode message line
 ! Current editing mode
 ! The last message displayed
 ! Are we in quiet mode
 ! Are we in EXT mode
 ! What is the input source?

```

150 0720 2 ! If we're in EXT mode, then we're assuming that we got an error here
151 0721 2 ! and that we want to give a bell.
152 0722 2 !-
153 0723 2 EDT$STOP_WKINGMSG ();
154 0724 2
155 0725 3 IF ((.EDT$G_EXT_MOD) OR (.EDT$G_EDIT_MOD EQL CHANGE_MODE))
156 0726 2 THEN
157 0727 3 BEGIN
158 0728 3
159 0729 4 IF (.EDT$G_TI_TYP NEQ TERM_HCPY)
160 0730 3 THEN
161 0731 4 BEGIN
162 0732 4 EDT$SC_POSCSIF (.EDT$G_MESSAGE_LINE + 1, 0);
163 0733 4 EDT$SC_REVID ();
164 0734 3 END;
165 0735 3
166 0736 3 IF ( NOT .EDT$G QUIET) THEN EDT$FMT_LIT (UPLIT (7), 1);
167 0737 3
168 0738 2 END;
169 0739 2
170 0740 2 !+
171 0741 2 ! Save the message number in case it needs to be redisplayed on entering
172 0742 2 ! change mode.
173 0743 2 !-
174 0744 2
175 0745 2 IF (.EDT$G_INP_SRC EQL INP_COMMAND) THEN EDT$G_LASTMSG = .MESS_NUM;
176 0746 2
177 0747 2 EDT$MSG_TOSTR (.MESS_NUM);
178 0748 2 EDT$FMT_CRLF ();
179 0749 2
180 0750 2 IF (.EDT$G_TI_TYP EQL TERM_VT100) THEN EDT$SC_NONREVID ();
181 0751 2
182 0752 1 END;                                ! of routine EDT$FMT_MSG

```

```

.TITLE EDT$FPUTMES EDT$FPUTMES - format and print a me
ssage
.IDENT \V04-000\

```

```

.PSECT _EDT$CODE,NOWRT, SHR, PIC.2

```

```

00000007 00000 P.AAA: .LONG 7

```

```

.EXTRN EDT$SC_POSCSIF
.EXTRN EDT$SC_REVID, EDT$SC_NONREVID
.EXTRN EDT$STOP_WKINGMSG
.EXTRN EDT$FMT_LIT, EDT$FMT_CRLF
.EXTRN EDT$MSG_TOSTR, EDT$G_TI_TYP
.EXTRN EDT$G_MESSAGE_LINE
.EXTRN EDT$G_EDIT_MOD
.EXTRN EDT$G_LASTMSG, EDT$G QUIET
.EXTRN EDT$G_EXT_MOD, EDT$G_INP_SRC

```

```

0000000G 52 0000000G 00 9E 00002
0000000G 00 FB 00009
08 0000000G 00 E8 00010

```

```

.ENTRY EDT$FMT_MSG, Save R2
MOVAB EDT$G_TI_TYP, R2
CALLS #0, EDT$STOP_WKINGMSG
BLBS EDT$G_EXT_MOD, 1$
```

```

: 0665
: 0723
: 0725
```

EDT\$FPUTMES
V04-000

EDT\$FPUTMES - format and print a message
EDT\$SFMT_MSG - format and print a message

1 5

16-Sep-1984 00:29:09

14-Sep-1984 12:23:12

VAX-11 Bliss-32 V4.0-742

DISK\$VMSMASTER:[EDT.SRC]FPUTMES.BLI;1

Page 6
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00000000G	00	D5	00017	TSTL	EDT\$SG_EDIT_MOD	;	
		30	12	BNEQ	3\$	1	
03		62	D1	0001F	1\$:	1	
		18	13	00022	CMPL	EDT\$SG_TI_TYP, #3	
		7E	D4	00024	BEQL	2\$	
7E	00000000G	00	01	C1	00026	CLRL	-(SP)
00000000G	00	02	FB	0002E	ADDL3	#1, EDT\$SG_MESSAGE_LINE, -(SP)	
00000000G	00	00	FB	00035	CALLS	#2, EDT\$SSC_POSCSIF	
	0C 00000000G	00	E8	0003C	2\$:	CALLS	#0, EDT\$SSC_REVID
		01	DD	00043	BLBS	EDT\$SG QUIET, 3\$	
		B4	AF	9F	PUSHL	#1	
00000000G	00	02	FB	00048	PUSHAB	P.AAA	
	02 00000000G	00	D1	0004F	3\$:	CALLS	#2, EDT\$SFMT_LIT
		08	12	00056	CMPL	EDT\$SG_INP_SRC, #2	
00000000G	00	04	AC	DD	00058	BNEQ	4\$
		04	AC	DD	00060	MOVL	MESS_NUM, EDT\$SG_LASTMSG
00000000G	00	01	FB	00063	PUSHL	MESS_NUM	
00000000G	00	00	FB	0006A	CALLS	#1, EDT\$SSMSG_TOSTR	
	02	62	D1	00071	CALLS	#0, EDT\$SFMT_CRLF	
00000000G	00	07	12	00074	CMPL	EDT\$SG_TI_TYP, #2	
		00	FB	00076	BNEQ	5\$	
		04	0007D	5\$:	CALLS	#0, EDT\$SSC_NONREVID	
				RET		0752	

: Routine Size: 126 bytes, Routine Base: _EDT\$CODE + 0004

: 183 0753 1
: 184 0754 1 !<BLF/PAGE>

EDT\$
V04-

Si
Ru
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Me
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EDT\$FPUTMES
V04-000

EDT\$FPUTMES - format and print a message
EDT\$SFMT_MSG - format and print a message

J 5
16-Sep-1984 00:29:09 VAX-11 Bliss-32 v4.0-742
14-Sep-1984 12:23:12 DISK\$VMSMASTER:[EDT.SRC]FPUTMES.BLI;1 Page 7
(4)

: 186 0755 1 END
: 187 0756 1
: 188 0757 0 ELUDOM

! of module EDT\$FPUTMES

**F1

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	130	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
\$255\$DUA28:[EDT.SRC]EDT.L32:1	377	4	1	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32:1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:FPUTMES/OBJ=OBJ\$:FPUTMES MSRC\$:FPUTMES.BLI/UPDATE=(ENH\$:FPUTMES
)

: Size: 126 code + 4 data bytes
: Run Time: 00:11.2
: Elapsed Time: 00:13.6
: Lines/CPU Min: 4048
: Lexemes/CPU-Min: 10818
: Memory Used: 70 pages
: Compilation Complete

0134 AH-BT13A-SE
VAX/VMS V4.0

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FPUTMES
LIS

FPUT
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INIT
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FIXNOTRUN
LIS

HANDLER
LIS

FPUTCHAR
LIS

GETXLATE
LIS

IOMOD
LIS

FLITERAL
LIS

FSTRING
LIS

INPUT
LIS

FIXNOTRUN
LIS

HELP
LIS